12/30/87 A8810-2

RMA Industry Report

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

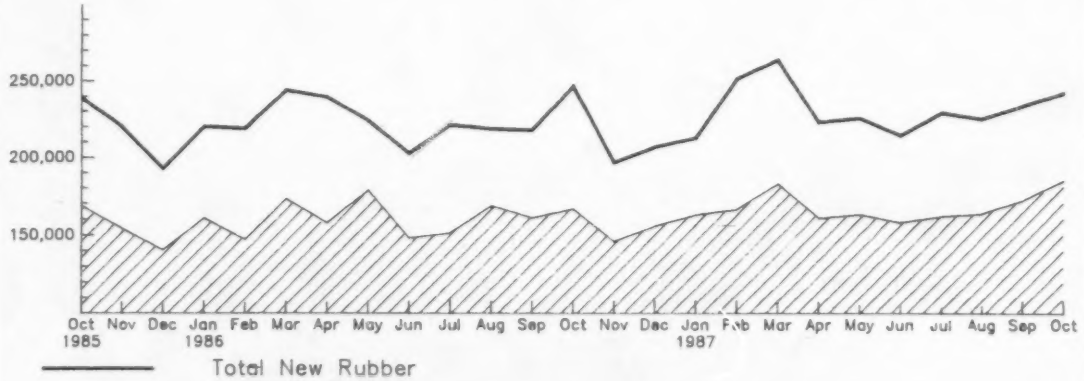
RUBBER CONSUMPTION
MONTHLY REPORT

RMA 2
OCTOBER 1987

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly analysis of production, imports, exports, stocks, and apparent consumption of both natural and synthetic rubber. The procedures used by Management Information Services (MIS) of RMA to compile the data are reviewed annually by the RMA Rubber Statistical Committee which is made up of rubber industry representatives. The categories were selected to conform with the Standard Industrial Classifications (SIC) codes assigned by the the United States Department of Commerce, Bureau of the Census and are so annotated.

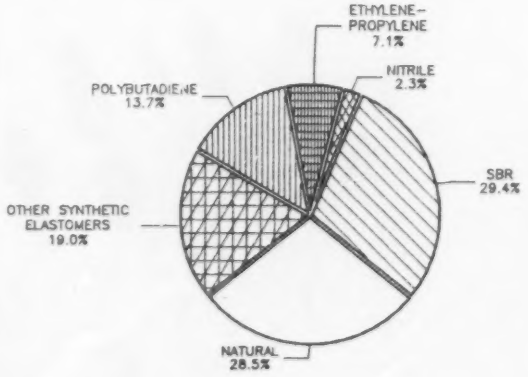
Total consumption for October 1987 is down -6.0% from October 1986, and synthetic consumption is up +4.2%. Please note that 1986 Natural Rubber Apparent Consumption figures include INRO Stocks of 2,392 metric tons for the year. 71.5% of all rubber consumed in 1986 was synthetic, of which almost half was SBR, as shown in the charts below.

MONTHLY TOTAL RUBBER CONSUMPTION – NATURAL & SYNTHETIC


250,000
200,000
150,000
Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct
1985
1986
1987
Total New Rubber
Synthetic Rubber

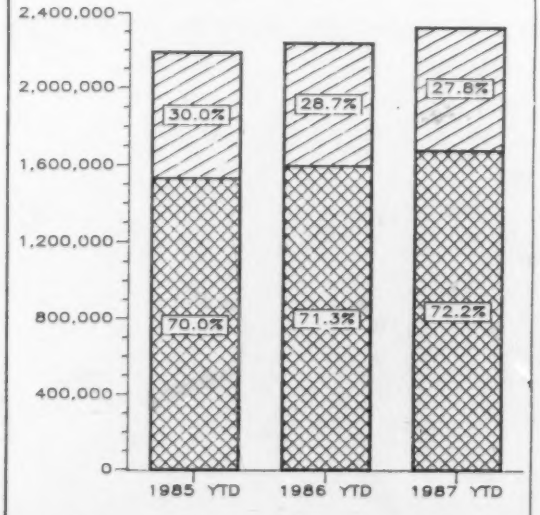
NOTE: NATURAL RUBBER CONSUMPTION IS THE VERTICAL DISTANCE BETWEEN THE CURVES
(Figures in Metric Tons)

1986 RUBBER CONSUMPTION BY TYPE



NOTE: POLYCHLOROPRENE INCLUDED IN OTHER CATEGORY

YTD CONSUMPTION OF NEW RUBBER 1985 – 1987



(Figures in Metric Tons)

RMA # 2

RMA INDUSTRY RUBBER REPORT
(FIGURES ARE EXPRESSED IN METRIC TONS)

ISSUED - DATE: 12/21/87

MONTH: October 1987

U.S. SIC CODE		October 1987	October 1986	% CHANGE YEARLY	September 1987	% CHANGE MONTHLY	CUMULATIVE 1987	CUMULATIVE 1986	% CHANGE 87 vs 86
	TOTAL NEW RUBBER								
	Beginning Stocks	292,630	322,021	-9.13	317,267	-7.77			
	New Rubber Available	268,572	278,789	-3.66	256,329	4.78	2,705,048	2,562,161	5.58
	Imports	77,574	92,120	-15.79	80,285	-3.38	900,697	869,668	3.57
	Exports	38,584	36,569	5.51	46,236	-16.55	414,854	327,697	26.60
	Apparent Consumption	242,437	257,841	-5.97	234,040	3.59	2,321,609	2,235,349	3.86
	Ending Stocks	280,181	306,400	-8.56	293,321	-4.48			
	TOTAL NATURAL RUBBER								
	Beginning Stocks	70,241	85,733	-18.07	77,007	-8.79			
08490 11	Imports	55,629	73,499	-24.31	59,268	-6.14	666,581	658,626	1.21
+	Exports	2,629	3,646	-27.89	3,870	-32.07	29,782	31,804	-6.36
08490 13	Stock Pile Deliveries								
	Apparent Consumption	57,389	80,327	-28.56	61,848	-7.21	645,820	641,601	.66
	% Total New Rubber	23.67	31.15		26.42		27.81	28.70	
	Ending Stocks	65,852	75,259	-12.50	70,557	-6.67			
08490 11	NATURAL RUBBER DRY								
	Beginning Stocks	63,928	79,764	-19.85	70,450	-9.26			
	Imports	49,262	66,937	-26.41	51,166	-3.72	605,276	598,169	1.19
	Exports	1,730	3,138	-44.87	3,149	-45.06	21,623	25,498	-15.20
	Stock Pile Deliveries								
	Apparent Consumption	50,781	74,087	-31.46	54,223	-6.35	590,822	588,210	.44
	Ending Stocks	60,679	69,476	-12.66	64,244	-5.55			
08490 13	NATURAL RUBBER LATEX								
	Beginning Stocks	6,313	5,970	5.75	6,558	-3.74			
	Imports	6,367	6,562	-2.97	8,102	-21.41	61,305	60,457	1.40
	Exports	899	508	76.97	721	24.69	8,159	6,306	29.38
	Stock Pile Deliveries								
	Apparent Consumption	6,609	6,241	5.90	7,626	-13.34	54,998	53,391	3.01
	Ending Stocks	5,172	5,783	-10.57	6,313	-18.07			
	TOTAL SYNTHETIC RUBBER								
	Beginning Stocks	222,389	236,287	-5.88	240,259	-7.44			
	Production	190,998	186,669	2.32	176,044	8.49	1,804,351	1,692,493	6.61
	Imports	21,945	18,621	17.85	21,017	4.42	234,116	211,042	10.93
	Exports	35,955	32,923	9.21	42,366	-15.13	385,072	295,893	30.14
	Apparent Consumption	185,048	177,513	4.24	172,191	7.47	1,675,789	1,593,747	5.15
	% Total New Rubber	76.32	68.84		73.57		72.18	71.29	
	Ending Stocks	214,329	231,141	-7.27	222,763	-3.79			
	TOTAL SBR								
	Beginning Stocks	89,528	89,521	.01	99,912	-10.39			
28220 11 +	Production	72,490	74,048	-2.10	67,827	6.87	699,464	649,397	7.71
28220 12	Imports	6,989	6,741	3.68	6,515	7.28	67,959	81,768	-16.89
	Exports	13,132	13,777	-4.68	17,073	-23.08	142,130	90,539	56.98
	Apparent Consumption	74,678	67,048	11.38	67,653	10.38	646,226	648,311	-.32
	Ending Stocks	81,197	89,485	-9.26	89,528	-9.31			
28220 11	SBR Dry								
	Beginning Stocks	84,648	85,465	-.96	95,235	-11.12			
	Production	67,106	70,174	-4.37	63,555	5.59	660,725	614,555	7.51
	Imports	5,034	4,681	7.54	4,835	4.12	45,482	59,406	-23.44
	Exports	10,724	11,692	-8.28	15,006	-28.54	119,006	71,484	66.48
	Apparent Consumption	70,732	64,005	10.51	63,971	10.57	609,517	611,076	-.26
	Ending Stocks	75,332	84,623	-10.98	84,648	-11.01			
28220 12	SBR LATEX								
	Beginning Stocks	4,881	4,056	20.34	4,677	4.36			
	Production	5,385	3,875	38.97	4,272	26.05	38,739	34,842	11.18
	Imports	1,955	2,060	-5.10	1,680	16.37	22,477	22,362	.51
	Exports	2,408	2,085	15.49	2,067	16.50	23,124	19,055	21.35
	Apparent Consumption	3,948	3,044	29.70	3,681	7.25	36,710	37,235	-1.41
	Ending Stocks	5,865	4,862	20.63	4,881	20.16			

RMA # 2

RMA INDUSTRY RUBBER REPORT
(FIGURES ARE EXPRESSED IN METRIC TONS)

ISSUED - DATE: 12/21/87

MONTH: October 1987

U.S. SIC CODE		October 1987	October 1986	% CHANGE YEARLY	September 1987	% CHANGE MONTHLY	CUMULATIVE 1987	CUMULATIVE 1986	% CHANGE 87 vs 86
	TOTAL NITRILE								
	Beginning Stocks	14,373	13,220	8.72	13,147	9.33			
28220 41 +	Production	5,154	5,440	-5.26	7,108	-27.49	56,086	51,176	9.59
28220 42	Imports	1,476	963	53.27	1,332	10.81	13,086	10,136	29.10
	Exports	1,179	934	26.23	903	30.56	11,126	9,902	12.36
	Apparent Consumption	5,762	5,223	10.32	6,311	-8.70	56,005	51,668	8.39
	Ending Stocks	14,062	13,466	4.43	14,373	-2.16			
28220 50	POLYBUTADIENE								
	Beginning Stocks	32,146	45,261	-28.98	35,611	-9.73			
	Production	33,940	26,954	25.92	31,241	8.64	306,063	289,038	5.89
	Imports	6,300	4,695	34.19	4,423	42.44	68,466	46,398	47.56
	Exports	3,851	2,001	92.45	5,218	-26.20	51,036	17,565	190.56
	Apparent Consumption	35,497	34,037	4.29	33,911	4.68	328,060	305,838	7.27
	Ending Stocks	33,038	40,872	-19.17	32,146	2.77			
28220 57	ETHYLENE-PROPYLENE								
	Beginning Stocks	49,673	49,373	.61	51,056	-2.71			
	Production	22,374	20,732	7.92	20,682	8.18	210,776	198,190	6.35
	Imports	900	612	47.06	603	49.25	5,517	4,133	33.49
	Exports	3,505	3,965	-11.60	3,900	-10.13	38,557	38,246	.81
	Apparent Consumption	18,740	16,899	10.89	18,768	-.15	172,700	157,840	9.41
	Ending Stocks	50,702	49,853	1.70	49,673	2.07			
	BUTYL, POLYISOPRENE, POLYCHLOROPRENE, SILICONE AND OTHER SYNTHETIC ELASTOMERS								
28220 45 +	Beginning Stocks	36,669	38,912	-5.76	40,534	-9.54			
28220 60 +	Production	57,040	59,494	-4.12	49,186	15.97	531,962	504,692	5.40
28220 72	Imports	6,280	5,610	11.94	8,144	-22.89	79,088	68,607	15.28
	Exports	14,288	12,246	16.67	15,272	-6.44	142,223	139,641	1.85
	Apparent Consumption	50,372	54,305	-7.24	45,549	10.59	472,797	430,090	9.93
	Ending Stocks	35,329	37,465	-5.70	37,043	-4.63			
Included in 28220 45	Butyl								
	Imports	2,807	3,306	-15.09	4,982	-43.66	39,678	44,503	-10.84
	Exports						210		
Included in 28220 45	Polyisoprene								
	Imports	780	470	65.96	599	30.22	9,683	3,889	148.98
	Exports	541	346	56.36	485	11.55	6,239	3,788	64.70
Included in 28220 45	Polychloroprene								
	Imports	674	500	34.80	547	23.22	6,194	4,230	46.43
	Exports	3,844	3,646	5.43	3,390	13.39	38,224	40,421	-5.44
	IMPORTS OF								
	GUTTA BALATA						54		400.00
	GUTTA PARCHA	1,228	1,091	12.56	1,775	-30.82	15,080	5,247	187.40
	JELUTONG	161	40	302.50	117	37.61	1,268	1,064	19.17

* Natural Rubber Apparent Consumption figures include INRO Stocks, For your purposes:

Latest INRO STOCK figures available to RMA indicate 2,392 as of June .

RUBBER MANUFACTURERS ASSOCIATION INDUSTRY RUBBER REPORT

This report relies upon a panel composed of approximately seventy-five (75) companies. The monthly consumption data reported by these companies is combined with data from the RMA 7 "Synthetic Rubber Producers Report", RMA 200 "Importers Shipments of Natural Rubber Latex Report", and RMA 201 "Natural Rubber Dealers Shipments Report". It is the feeling of the RMA Rubber Statistical Committee that this manner of data collection represents a valid sampling for statistical purposes.

The report presents the following categories for selected rubber types:

BEGINNING STOCKS: Figures are as reported to RMA with only the Butyl, Polyisoprene, Silicone, and Other Synthetic Elastomers containing an estimate based upon the US Government's MA30A annual report. Beginning stock figures may differ from prior month closing stocks due to inventory adjustments.

PRODUCTION: Figures are as reported to RMA with only the Butyl, Polyisoprene, Silicone, and Other Synthetic Elastomers containing an estimate based upon the US Government's MA30A annual report.

IMPORTS: RMA import figures are based upon Tariff Schedules of the United States Annotated (TSUSA) numbers:

Natural Rubber Dry data monitored by RMA are TSUSA Numbers: 446.0544, 446.0548, 446.0552, 446.0556, 446.0560, 446.0564, 446.0568, 446.0572, 446.0576, 446.0580 and 446.0584. The Natural Rubber Latex TSUSA Number monitored by RMA is 446.0540 with Gutta balata, Gutta-percha, and Jelutong or pontianak derived from TSUSA Numbers 446.0510, 446.0520 and 446.0530.

RMA natural rubber import numbers do not contain TSUSA Numbers: 446.1000 (Natural rubber containing filler, etc.) and 446.1200 (Chlorinated natural rubber).

Synthetic Rubber TSUSA Numbers monitored by RMA are: 446.1539, 446.1571, 446.1576 and 446.1597 (SBR Dry); 446.1535 (SBR Latex); 446.1516 (Polybutadiene); 446.1506 (Butyl); 446.1511 (Nitrile); 446.1531 (Polyisoprene); 446.1526 (Ethylene-propylene); 446.1521 (Polychloroprene); and 446.1533 and 446.1557 (Elastomers).

RMA synthetic rubber import numbers do not contain the following TSUSA Numbers: 446.1544 (Styrene-butadiene containing over 50% styrene); 446.1580 (Silicone); 446.2000 (Reclaimed rubber of all kinds); and 446.3000 (Mixtures of any of the foregoing).

EXPORTS: RMA export figures are based upon the following United States Schedule B Numbers:

Natural Rubber (Dry) export number is 446.0515 and 446.0505 for Natural Rubber (Latex). RMA natural rubber export numbers do not contain Schedule B Numbers 446.1000 and 446.1200.

Synthetic rubber export Schedule B Numbers monitored by RMA are as follows: 446.1541, 446.1571, and 446.1576 (SBR Dry); 446.1536 (SBR Latex); 446.1516 (Polybutadiene); 446.1506 (Butyl); 446.1511 (Nitrile); 446.1531 (Polyisoprene); 446.1526 (Ethylene-propylene); 446.1521 (Polychloroprene); and 446.1547 and 446.1561 (Elastomers).

RMA synthetic rubber export numbers do not contain Schedule B Numbers 446.2000 (Reclaimed) and 446.3000 (Mixtures).

APPARENT CONSUMPTION: Figures are calculated by RMA by adding Beginning Stocks to Production and Imports, and subtracting Exports and Ending Stocks. The consumption figures for natural rubber contains International Natural Rubber Organization (INRO) stock purchases, since the amounts are not disclosed for ninety (90) days. The latest available stock figure is presented for your use should you wish to subtract it from the apparent consumption figure shown.

ENDING STOCKS: Figures are as reported to RMA with only the Butyl, Polyisoprene, Silicone, and Other Synthetic Elastomers containing an estimate based upon the US Government's MA30A annual report.

This report is available on a subscription basis, and it can not be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street NW; Washington, D.C. 20005; Telephone: (202)-682-4860.